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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission		Application Number 10/634,182
		Filing Date August 5, 2004
		First Named Inventor Jie Jack Li
		Art Unit 1624
		Examiner Name Rao, Deepak R.
		Attorney Docket Number PC25274A

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <div style="margin-left: 20px;"><input type="checkbox"/> Fee Attached</div> <input type="checkbox"/> Amendment/Reply <div style="margin-left: 20px;"><input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)</div> <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <div style="margin-left: 20px;"><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53</div>	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <div style="margin-left: 20px;"><input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address</div> <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to a Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <div style="margin-left: 20px;"><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)</div> <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <div style="margin-left: 20px;"><input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): Statement as Provided by 37 CFR 1.97 (2pgs), Required Copies of Art and Return Postcard</div>
Remarks		
AUTHORIZATION TO CHARGE A FEE AND ANY ADDITIONAL FEES AS NECESSARY OR CREDIT ANY OVERPAYMENT TO DEPOSIT ACCOUNT 23-0455 IS HEREBY GIVEN.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Claude F. Purchase, Jr		
Signature			
Date	June 15, 2005		

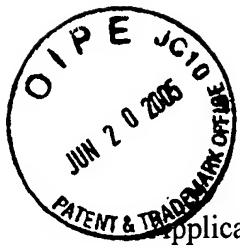
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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O.Box 1450, Alexandria, VA 22313-1450 on this date

Typed or printed	Cynthia D. Berney	Date	
Signature			

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PC 25274A

UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/634,182 Confirmation No.: 7102

Applicant: Jie Jack Li

Filed: August 5, 2003

TC/A.U.: 1624

Examiner: Deepak R. Rao

Docket No.: PC 25274A

Customer No.: 28880

Title: "Naphthalene Derivatives as Matrix Metalloproteinase Inhibitors"

Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
(37 C.F.R. §1.97)

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form PTO/SB/08a and PTO/SB/08b are brought to the attention of the Examiner.

Applicants believe that the Supplemental Information Disclosure Statement submitted herewith is being filed before the first Office Action on the merits

No representation is made hereby that a reference is "prior art" within the meaning of 35 U.S.C. §§102 or 103.

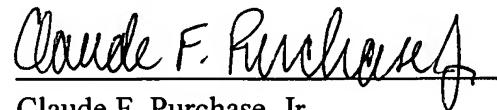
Consideration of the items listed is respectfully requested in accordance with 37 CFR § 1.104(a). Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Forms PTO/SB/08a and PTO/SB/08b, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

It is respectfully requested that all cited references considered by the Examiner be listed in the "References Cited" portion of any patent issuing from this application (MPEP § 1302.12).

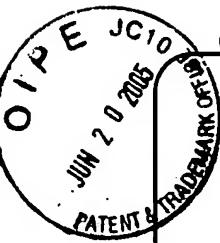
It is understood by the Applicants that this paper requires no fee; however, authorization is given to charge any necessary filing fees and any additional fees or credit any overpayment to Deposit Account 23-0455.

Respectfully Submitted,

Dated: June 15, 2005



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U.S. PATENT AND TRADEMARK OFFICE, U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 4

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁸
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		WO 01/63244 A1	8/30/2001	Chen, et al.		
		WO 00/09485 A1	2/24/2000	McClure, et al.		
		WO 01/12611 A1	2/22/2001	Blagg, Julian		
		WO 02/34726 A2	5/2/2002	Noe, et al.		
		WO 02/34753 A2	5/2/2002	Bronk, et al.		
		EP 0935963 A2	8/18/1999	McClure, et al		

Examiner Signature _____ **Date Considered** _____

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/634,182
		Filing Date	August 5, 2003
		First Named Inventor	Jie Jack Li
		Art Unit	1624
		Examiner Name	Rao, Deepak R.
Sheet	2	of	4
		Attorney Docket Number	PC 25274A

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

2

of

4

Application Number 10/634,182

Application Number	10/634,182
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		Country Code ² -Number ⁴ -Kind Code ⁵ (if known)			
		EP 1138680 A1	10/4/2001	Noe, Mark Carl	
		WO 01/70228	9/27/2001	Devita, et al.	
		WO 97/44339	11/27/1997	Goulet, et al.	
		EP 0379145	5/7/1997	Poletto, et al.	
		WO 98/16514	4/23/1998	Levin, et al.	
		WO 99/32450	7/1/1999	Tucker, et al.	

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				Art Unit	1624
				Examiner Name	Rao, Deepak R.
Sheet	3	of	4	Attorney Docket Number	PC 25274A

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
		CHEN, et al., Structure-Based Design of a Novel, Potent, and Selective Inhibitor for MMP-13 Utilizing NMR Spectroscopy and Computer-Aided Molecular Design, J. Am. Chem. Soc., 2000, pp. 9648-9654, vol. 122			T ²
		LOVEJOY, et al., Crystal structures of MMP-1 and -13 reveal the structural basis for selectivity of collagenase inhibitors, Nature Structural Biology, 1999, pp. 217-221, vol. 6(3)			
		MOY, et al., High-resolution Solution Structure of the Catalytic Fragment of Human Collagenase-3 (MMP-13) Complexed with Hydroxamic Acid Inhibitor, J. Mol. Biol., 2000, pp. 671-689, vol. 302			
		MITCHELL, et al., Cloning, Expression, and Type II Collagenolytic Activity of Matrix Metalloproteinase-13 from Human Osteoarthritic Cartilage, J. Clin. Invest., 1996, pp. 761-768, vol. 97(3)			
		NEUHOLD, et al, Postnatal expression in hyaline cartilage of constitutively active human collagenase-3 (MMP-13) induces osteoarthritis in mice, J. Clin. Invest., 2001, pp 35-44, vol. 107 (1)			
		DAHLBERG, et al, Selective Enhancement of Collagenase-Mediated Cleavage of Resident Type II Collagen in Cultured Osteoarthritic Cartilage and Arrest with a Synthetic Inhibitor that Spares Collagenase 1 (Matrix Metalloproteinase 1), Arthritis & Rheumatism, 2000, pp. 673-682, vol., 43(3)			
		BILLINGHURST, et al., Comparison of the Degradation of Type II Collagen and Proteoglycan in Nasal and Articular Cartilages Induced by Interleukin-1 and the Selective Inhibition of Type II Collagen Cleavage by Collagenase, Arthritis & Rheumatism, 2000, pp. 664-672, vol, 43(3)			
		BILLINGHURST, et al, Enhanced Cleavage of Type II Collagen by Collagenases in Osteoarthritic Articular Cartilage, J. Clin. Invest., 1997, pp. 1534-1545, vol. 99(7)			
		HIROTA, et al., Novel Synthesis of Pyrido[3,4-d]Pyrimidines, Pyrido[2,3-d]Pyrimidines, and Quinazolines Via Palladium-Catalyzed Oxidative Coupling, Heterocycles, 1994, pp 563-570, vol. 37(1)			
		WERNICKE, et al., Cloning of Collagenase 3 from the Synovial Membrane and Its Expression in Rheumatoid Arthritis and Osteoarthritis, J. Rheum, 1996, pp 590-595, vol. 23(4)			

Examiner Signature		Date Considered	
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Sheet	4	of	4	Attorney Docket Number	PC 25274A

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		REBOUL, et al, The New Collagenase, Collagenase-3, Is Expressed and Synthesized by Human Chondrocytes but not by Synoviocytes, J. Clin. Invest., 1996, pp. 2011-2019, vol. 97(9)			
		FREEMONT, et al., In situ zymographic localisation of type II collagen degrading activity in osteoarthritic human articular cartilage, Am Rheum Dis, 1999, pp. 357-365, vol. 58			
		Office Action mailed June 16, 2003, in U.S. 10/264,764 (19 pages)			
		Search Report from Corresponding International Application No. PCT/IB03/03482			

Examiner Signature	Date Considered
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